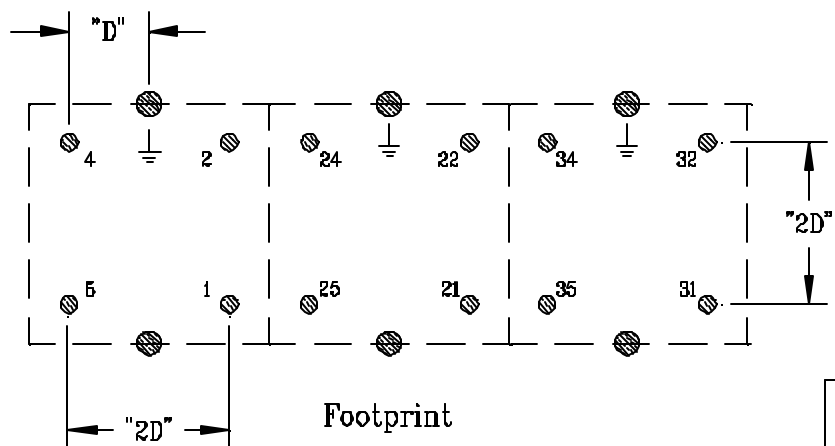
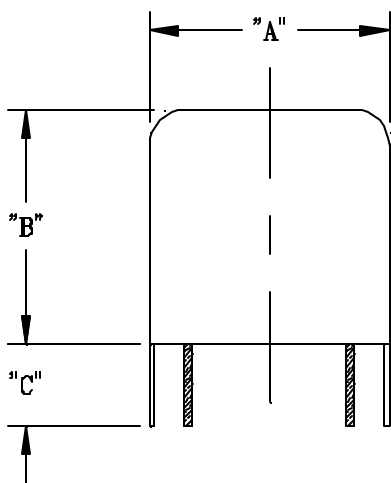
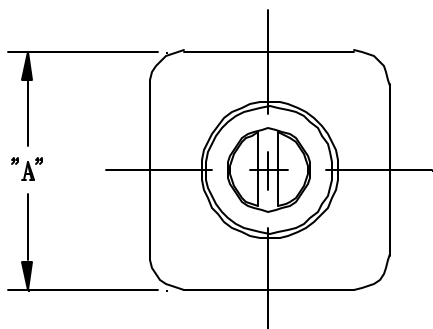


HBXX-3XXX

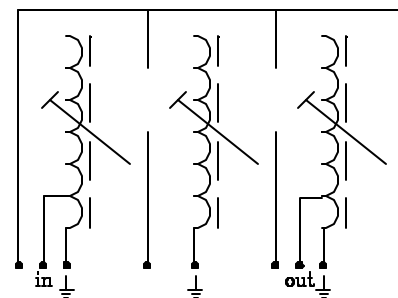
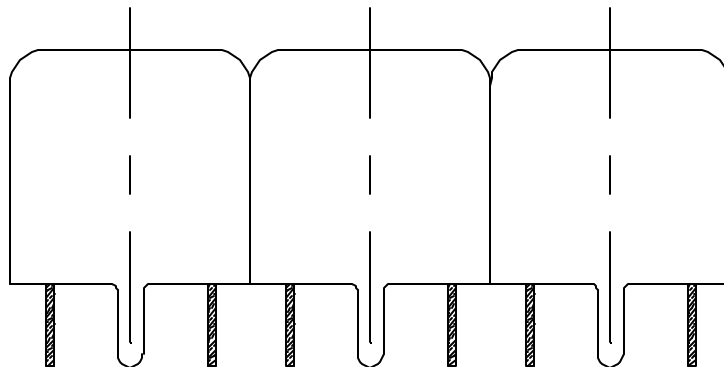
3-Circuit Bandpass Filter

- Triple resonator bandpass filter
- Five sizes to choose from
- Lead pull strength, 5N
- Temperature range, -25 °C to 85 °C
- Soldering temperature 235 °C, 5 seconds
- Resistance to soldering heat 260 °C, 5 seconds
- Temperature coefficient (from -25 °C to 85 °C), $\sim \pm 50 \times 10^{-6} / ^\circ\text{K}$

P/N	“A” " [mm]	“B” " [mm]	“C” " [mm]	“D” " [mm]
HB7A-XXXX	0.30 [7,5]	0.49 [12,5]	0.14 [3,5]	0.10 [2,5]
HB7B-XXXX	0.30 [7,5]	0.55 [14,0]	0.14 [3,5]	0.10 [2,5]
HB7C-XXXX	0.30 [7,5]	0.49 [12,5]	0.14 [3,5]	0.09 [2,25]
HB10A-XXXX	0.40 [10,0]	0.61 [15,5]	0.14 [3,5]	0.13 [3,2]
HB10B-XXXX	0.40 [10,0]	0.63 [16,0]	0.14 [3,5]	0.13 [3,2]



Footprint



Prefix (size)	Dash #	“F” min (MHz)	“F” max (MHz)	BW min (-3db) (MHz)	a ₀ max (db)	Input (#)	- (#)	“Z” tap (#)	- (#)	Output (#)	- (#)	a min (db)	-?f (MHz)	a min (db)	+?f (MHz)
HB7B	-3001	385	409	8.5	5.0	5	1	-	22	32	34	45	40	36	40
HB10A	-3002	408	448	24	2.1	4	-	-	22	32	-	37	40	28	40
HB7B	-3003	406	430	9.0	5.0	5	1	-	22	32	34	46	40	35	40
HB10A	-3004	430	470	27	2.0	4	-	-	22	32	-	30	40	24	40
HB7B	-3005	420	446	9.5	4.5	5	1	-	22	32	34	42	40	34	40
HB10A	-3006	445	490	16	2.7	4	2	24	22	34	32	40	40	40	40
HB7B	-3007	442	468	7.0	5.0	5	1	-	22	32	34	45	40	34	40
HB7B	-3009	450	470	8.5	3.4	5	2	-	24	32	35	42	40	42	40
HB10A	-3010	455	500	12	2.5	2	-	-	22	32	-	28	30	25	30
HB10A	-3011	465	510	17	2.4	4	2	24	22	34	32	40	40	37	40
HB7A	-3012	464	484	25	2.5	5	4	-	22	32	31	18	40	15	40
HB7A	-3013	464	484	34	2.5	5	4	-	22	32	31	10	40	10	40
HB7A	-3014	464	484	14	2.5	5	1	-	22	32	34	30	40	30	40
HB7A	-3015	464	484	20	2.5	5	4	-	22	32	31	24	40	20	40
HB7B	-3016	490	510	9.0	3.2	5	2	-	24	32	35	36	25	32	25
HB7B	-3017	530	558	15	2.3	5	2	-	24	32	35	36	40	33	40
HB7B	-3018	550	575	15	2.5	5	2	-	24	32	35	36	40	30	40
HB7B	-3019	585	619	15	2.0	5	2	-	24	32	35	35	40	31	40
HB7B	-3020	585	619	15	1.9	5	2	-	24	32	35	32	40	31	40
HB7B	-3021	624	644	15	2.1	5	2	-	24	32	35	31	40	30	40
HB7C	-3023	880	915			4	5	-	22	31	32	24	40	24	40
HB7C	-3024	880	915	16	3.6	4	5	-	22	31	32	30	40	30	40
HB7C	-3025	945	980	28	3.0	4	5	-	22	31	32	20	40	20	40
HB7C	-3026	945	980	16	3.6	4	5	-	22	31	32	30	40	30	40
HB7C	-3027	945	980	22	3.3	4	5	-	22	31	32	29	40	29	40